

Applicant: James H. Bennett
Serial No.: 10/052,973
Group Art Unit: 1774

IN THE CLAIMS:

Claims 1-33 (Cancelled)

34. (Currently Amended) A thermoplastic product having a granite-like appearance or other visual or textural effect, said product consisting essentially of:

an extruded thermoplastic layer or zone having a surface;

a color-containing thermoplastic resin system disposed on and in direct contact with said surface of said extruded thermoplastic layer or zone such that said color-containing thermoplastic resin system bonds and-bonded to said extruded thermoplastic layer or zone;

said color-containing thermoplastic resin system comprising a thermoplastic resin and at least one of a colorant and a colorant mixture, said thermoplastic resin being compatible with said extruded thermoplastic layer or zone for creating the granite-like or other visual or textual appearance.

35. (Previously Presented) A thermoplastic product as set forth in claim 34, wherein said one of said colorant and said colorant mixture comprises at least one of a pigment and a dye.

36. (Previously Presented) A thermoplastic product as set forth in 34, wherein said one of said colorant and said colorant mixture and said thermoplastic resin are integrally formed as a plurality of particles.

37. (Previously Presented) A thermoplastic product as set forth in claim 36, wherein said particles are of from about -10 to about +5000 U.S. Standard mesh size.

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38. (Previously Presented) A thermoplastic product as set forth in claim 34, wherein said extruded thermoplastic layer or zone is substantially free of said color-containing thermoplastic resin system.

39. (Previously Presented) A thermoplastic product as set forth in claim 34, wherein said extruded thermoplastic layer or zone is selected from the group consisting of polyacetals, acrylonitrile-styrene-acrylates, acrylonitrile-butadiene-styrenes, acrylonitrile-ethylene-styrenes, styrene-acrylonitriles, styrene-maleic anhydrides, nylons, polycarbonates, polybutylene terephthalates, polyethylenes, polypropylenes, polystyrenes, polyurethanes, polyvinyl chlorides, acrylics, and mixtures thereof.

40. (Previously Presented) A thermoplastic product as set forth in claim 34, wherein said extruded thermoplastic layer or zone is selected from the group consisting of: acrylonitrile-styrene-acrylate copolymers; acrylonitrile-butadiene-styrene copolymers; acrylonitrile-ethylene-styrene copolymers; polyvinyl chloride; blends of polycarbonate and acrylonitrile-butadiene-styrene copolymers in the ratio of about 5:95 to about 95:5 weight percent; blends of acrylonitrile-butadiene-styrene copolymers and nylon in the ratio of about 5:95 to about 95:5 weight percent; blends of polycarbonate and acrylonitrile-styrene-acrylate copolymers in the ratio of about 5:95 to about 95:5 weight percent; blends of polyvinyl chloride and acrylonitrile-styrene-acrylate copolymers in the ratio of about 20:80 to about 80:20 weight percent; and blends of acrylonitrile-styrene-acrylate copolymers and acrylonitrile-ethylene-styrene copolymers in the ratio of about 20:80 to about 80:20 weight percent.

41. (Previously Presented) A thermoplastic product as set forth in claim 34, wherein said thermoplastic resin is selected from the group consisting of polyacetals, acrylonitrile-styrene-acrylates, acrylonitrile-butadiene-styrenes, acrylonitrile-ethylene-styrene, styrene-acrylonitriles, styrene-maleic anhydrides, nylons, polycarbonates,

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polybutylene terephthalates, polypropylenes, polystyrenes, polyurethanes, polyvinyl chlorides, acrylics, and mixtures thereof.

42. (Previously Presented) A thermoplastic product as set forth in claim 34, wherein said thermoplastic resin is selected from the group consisting of: acrylonitrile-styrene-acrylate copolymers; acrylonitrile-butadiene-styrene copolymers; acrylonitrile-ethylene-styrene copolymers; polyvinyl chloride; blends of polycarbonate and acrylonitrile-butadiene-styrene copolymers in the ratio of about 5:95 to about 95:5 weight percent; blends of acrylonitrile-butadiene-styrene copolymers and nylon in the ratio of about 5:95 to about 95:5 weight percent; blends of polycarbonate and acrylonitrile-styrene-acrylate copolymers in the ratio of about 5:95 to about 95:5 weight percent; blends of polyvinyl chloride and acrylonitrile-styrene-acrylate copolymers in the ratio of about 20:80 to about 80:20 weight percent; and blends of acrylonitrile-styrene-acrylate copolymers and acrylonitrile-ethylene-styrene copolymers in the ratio of about 20:80 to about 80:20 weight percent.

43. (Currently Amended) A thermoplastic product having a granite-like appearance or other visual or textural effect, said product comprising:

an extruded thermoplastic layer or zone having a surface;

a color-containing thermoplastic resin system comprising a thermoplastic resin and at least one of a colorant and a colorant mixture with said thermoplastic resin and at least one of said colorant and said colorant mixture integrally formed as a plurality of particles;

said plurality of particles disposed on and in direct contact with said surface of said extruded thermoplastic layer or zone such that said thermoplastic resin of said color-containing thermoplastic resin system bonds and bonded to said extruded thermoplastic layer or zone;~~said color-containing thermoplastic resin system comprising a thermoplastic resin and at least one of a colorant and a colorant mixture, said~~

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thermoplastic resin being compatible with said extruded thermoplastic layer or zone for creating the granite-like or other visual or textual appearance;

wherein said extruded thermoplastic layer or zone is substantially free of said color-containing thermoplastic resin system.

44. (Previously Presented) A thermoplastic product as set forth in claim 43, wherein said one of said colorant and said colorant mixture comprises at least one of a pigment and a dye.

45. (Cancelled)

46. (Currently Amended) A thermoplastic product as set forth in claim 46 45, wherein said particles are of from about -10 to about +5000 U.S. Standard mesh size.

47. (Previously Presented) A thermoplastic product as set forth in claim 43, wherein said extruded thermoplastic layer or zone is selected from the group consisting of polyacetals, acrylonitrile-styrene-acrylates, acrylonitrile-butadiene-styrenes, acrylonitrile-ethylene-styrenes, styrene-acrylonitriles, styrene-maleic anhydrides, nylons, polycarbonates, polybutylene terephthalates, polyethylenes, polypropylenes, polystyrenes, polyurethanes, polyvinyl chlorides, acrylics, and mixtures thereof.

48. (Previously Presented) A thermoplastic product as set forth in claim 43, wherein said extruded thermoplastic layer or zone is selected from the group consisting of: acrylonitrile-styrene-acrylate copolymers; acrylonitrile-butadiene-styrene copolymers; acrylonitrile-ethylene-styrene copolymers; polyvinyl chloride; blends of polycarbonate and acrylonitrile-butadiene-styrene copolymers in the ratio of about 5:95 to about 95:5 weight percent; blends of acrylonitrile-butadiene-styrene copolymers and nylon in the ratio of about 5:95 to about 95:5 weight percent; blends of polycarbonate and acrylonitrile-styrene-acrylate copolymers in the ratio of about 5:95 to about 95:5

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weight percent; blends of polyvinyl chloride and acrylonitrile-styrene-acrylate copolymers in the ratio of about 20:80 to about 80:20 weight percent; and blends of acrylonitrile-styrene-acrylate copolymers and acrylonitrile-ethylene-styrene copolymers in the ratio of about 20:80 to about 80:20 weight percent.

49. (Previously Presented) A thermoplastic product as set forth in claim 43, wherein said thermoplastic resin is selected from the group consisting of polyacetals, acrylonitrile-styrene-acrylates, acrylonitrile-butadiene-styrenes, acrylonitrile-ethylene-styrene, styrene-acrylonitriles, styrene-maleic anhydrides, nylons, polycarbonates, polybutylene terephthalates, polypropylenes, polystyrenes, polyurethanes, polyvinyl chlorides, acrylics, and mixtures thereof.

50. (Previously Presented) A thermoplastic product as set forth in claim 43, wherein said thermoplastic resin is selected from the group consisting of: acrylonitrile-styrene-acrylate copolymers; acrylonitrile-butadiene-styrene copolymers; acrylonitrile-ethylene-styrene copolymers; polyvinyl chloride; blends of polycarbonate and acrylonitrile-butadiene-styrene copolymers in the ratio of about 5:95 to about 95:5 weight percent; blends of acrylonitrile-butadiene-styrene copolymers and nylon in the ratio of about 5:95 to about 95:5 weight percent; blends of polycarbonate and acrylonitrile-styrene-acrylate copolymers in the ratio of about 5:95 to about 95:5 weight percent; blends of polyvinyl chloride and acrylonitrile-styrene-acrylate copolymers in the ratio of about 20:80 to about 80:20 weight percent; and blends of acrylonitrile-styrene-acrylate copolymers and acrylonitrile-ethylene-styrene copolymers in the ratio of about 20:80 to about 80:20 weight percent.

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51. (Currently Amended) A thermoplastic product having a granite-like appearance or other visual or textural effect, said product comprising:

an extruded thermoplastic layer or zone having a surface;

a color-containing thermoplastic resin system comprising a thermoplastic resin and at least one of a colorant and a colorant mixture with said thermoplastic resin and at least one of said colorant and said colorant mixture integrally formed as a plurality of particles disposed directly on and compressed into said surface of said extruded thermoplastic layer or zone and bonded to said extruded thermoplastic layer or zone;

~~said color-containing thermoplastic resin system comprising a thermoplastic resin and at least one of a colorant and a colorant mixture~~; said thermoplastic resin being compatible with said extruded thermoplastic layer or zone for creating the granite-like or other visual or textual appearance.

52. (Previously Presented) A thermoplastic product as set forth in claim 51, wherein said extruded thermoplastic layer or zone is selected from the group consisting of polyacetals, acrylonitrile-styrene-acrylates, acrylonitrile-butadiene-styrenes, acrylonitrile-ethylene-styrenes, styrene-acrylonitriles, styrene-maleic anhydrides, nylons, polycarbonates, polybutylene terephthalates, polyethylenes, polypropylenes, polystyrenes, polyurethanes, polyvinyl chlorides, acrylics, and mixtures thereof.

53. (Previously Presented) A thermoplastic product as set forth in claim 51, wherein said thermoplastic resin is selected from the group consisting of polyacetals, acrylonitrile-styrene-acrylates, acrylonitrile-butadiene-styrenes, acrylonitrile-ethylene-styrene, styrene-acrylonitriles, styrene-maleic anhydrides, nylons, polycarbonates, polybutylene terephthalates, polypropylenes, polystyrenes, polyurethanes, polyvinyl chlorides, acrylics, and mixtures thereof.